



Transaction ID #	Submitter's Name		
Owner's Name	Date		
Building Location (Number & Street)	City	Village	Township of

**Compliance Approach**      Component Standards (See Comm 63.15)      System Standards (See Comm 63.16)      System Analysis Design (See Comm 63.70-72)  
 Region \_\_\_\_\_ ACP Table \_\_\_\_\_  
 (See Fig. 63.15-2)

	Basic Requirements	Prescriptive/Performance Requirements	Additional Data
Fenestration	<input type="checkbox"/> U-values reported on this form are area-weighted averages. Comm 63.18 (1)	<b>Fenestration Properties</b>	<b>Design Requirement</b>
	<input type="checkbox"/> Windows and doors meet the air infiltration requirements. Comm 63.11	Window Area (WA) Comm 63.05 (79)	If using Component Standards, see ACP Table Fig. 63.15-2
	<input type="checkbox"/> Fenestration U-values are certified by NFRC or from Table 63.18-3. Comm 63.18 (2)(b)	Gross Wall Area (GWA) Comm 63.05 (27) Comm 63.18 (2)(b) & (3)	
	<input type="checkbox"/> Fenestration shading coefficients are obtained from either the 1989 ASHRAE Handbook of Fundamentals or manufacturer's data. Comm 63.18 (4)	Window-Wall Ratio (WA/GWA) Comm 63.05 (80)	≤ _____
	<input type="checkbox"/> Exterior joints, cracks, and holes in the building envelope are caulked, gasketed, weather stripped, or otherwise sealed. Comm 63.11	Window U-value Comm 63.18 (2)(b)	
	<input type="checkbox"/> Double entry vestibule? (Optional--check if provided)	Window SCx Comm 63.18 (4)	<input type="checkbox"/> Marked Up ACP Table Included
	<input type="checkbox"/> Windows with reflective glazing? (Optional---check if provided)	Skylights Installed ____ Yes      ____ No	
	<input type="checkbox"/> U-values reported on this form are area-weighted averages. Comm 63.18 (1)	<b>Wall Design</b>	<input type="checkbox"/> COMcheck-EZ Computer Report Included
Exterior Opaque Surfaces	<input type="checkbox"/> An approved method which accounts for the thermal bridging of framing is used to calculate U-values for envelope assemblies. Comm 63.18 (2)	U-value Comm 63.18 (2)(a)	<input type="checkbox"/> ENVSTD Output Included
	<input type="checkbox"/> Exterior joints, cracks, and holes in the building envelope are caulked, gasketed, weather stripped, or otherwise sealed. Comm 63.11	Heat Capacity (HC) Comm 63.05 (34) Appendix A63.15 (3)(b)	
	<input type="checkbox"/> Vapor barriers are installed to prevent deterioration of insulation performance. Comm 63.11 (4)	Insulation position (interior or exterior) Comm 63.05 (44)	
	<input type="checkbox"/> <b>Special Consideration</b> The skylight exemption is applied. Comm 63.12  (Attach Skylight Exemption Worksheet E-4)	<b>U-Values</b>	
		Roof Comm 63.18 (2)(a)	£ _____
Below Grade		Walls adjacent to unconditioned space Comm 63.18 (2)(a)	£ _____
		Floors over unconditioned space Comm 63.18 (2)(a)	£ _____
	<input type="checkbox"/> R-values reported on this form for slab-on-grade floors and walls below grade include only the insulating material. Comm 63.15 (5) and (6)	<b>R-Values</b>	
	Walls below grade Comm 63.18 (2)(a)	_____ 3 _____	
	Slab-on-grade Comm 63.18 (2)(a)	_____ 3 _____	



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**Fenestration Orientation:** \_\_\_\_\_  
*For System Standards Method*

### Area-Weighted Properties - Comm 63.18

Fenestration **U-Value** ( $U_{of}$ ) see Comm 63.18 (2)(b)

Assembly ID	Area	U-Value	U · Area
		X	=
		X	=
		X	=
		X	=
		X	=
		X	=
		X	=
		X	=
Total Area→		Total U•Area→	

$$\frac{\text{Total U} \bullet \text{Area}}{\text{Total Area}} = \boxed{\phantom{0000}}$$

Fenestration **Shading Coefficient** ( $SC_x$ ) see Comm 63.18(4)

Assembly ID	Area	$SC_x$	$SC_x \cdot \text{Area}$
		X	=
		X	=
		X	=
		X	=
		X	=
		X	=
		X	=
Total Area→		Total $SC_x \bullet \text{Area}$ →	

$$\frac{\text{Total } SC_x \bullet \text{Area}}{\text{Total Area}} = \boxed{\phantom{0000}}$$



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**Exterior Wall Orientation:** \_\_\_\_\_  
*For System Standards Method*

## Area-Weighted Properties - Comm 63.18

**Roofs** see Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U · Area
	X	=	
	X	=	
	X	=	
	X	=	
Total Area→		Total U•Area→	

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**Walls Adjacent to Unconditioned Spaces** see Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U · Area
	X	=	
	X	=	
	X	=	
	X	=	
Total Area→		Total U•Area→	

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**Above Grade Exterior Walls** see Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U · Area
	X	=	
	X	=	
	X	=	
	X	=	
Total Area→		Total U•Area→	

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**Floors Over Unconditioned Spaces** see Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U · Area
	X	=	
	X	=	
	X	=	
	X	=	
Total Area→		Total U•Area→	

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# SKYLIGHT EXEMPTION WORKSHEET

E-4



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Skylight Exemption Requirements see Comm 63.12		Additional Data	
<input type="checkbox"/> U-values of skylight curbs are less than 0.21 Btu/hr•ft <sup>2</sup> •°F.	<b>Skylight Design Data</b>	Design	Requirement
<input type="checkbox"/> Overall thermal transmittance of skylight assemblies is less than 0.70 Btu/hr•ft <sup>2</sup> •°F.	Skylight Area (SA) _____		<input type="checkbox"/> ENVSTD output
	Gross Roof Area (GRA) _____		<input type="checkbox"/> Calculation of allowed skylight percent.
	Skylight-to-Roof Ratio (SA/GRA) _____	≤ _____	
<input type="checkbox"/> Air leakage is less than 0.5 cfm/ft <sup>2</sup> of skylight.			<input type="checkbox"/> Sketch of shading devices.
<input type="checkbox"/> Automatic daylighting controls installed to reduce electric lighting by 50%.	Skylight U-value _____		
	Skylight VLT _____		
<b>Special Consideration</b>	Lighting Power Density (LPD/ft <sup>2</sup> ) _____		
<input type="checkbox"/> Shading devices used to block 50% of the solar gain during peak cooling conditions.	Design lighting level (footcandles) _____		



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## DESIGN

### Design - Roofs See Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U•Area
	X	=	
	X	=	
	X	=	
	X	=	

Total Area→

### Design - Above Grade Exterior Walls

See Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U•Area
	X	=	
	X	=	
	X	=	
	X	=	

Total Area→

### Design - Walls Adjacent to Unconditioned Space

See Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U•Area
	X	=	
	X	=	
	X	=	
	X	=	

Total Area→

### Design - Floors Over Unconditioned Space

See Comm 63.18 (2)(a)

Assembly ID	Area	U-Value	U•Area
	X	=	
	X	=	
	X	=	
	X	=	

Total Area→

## REQUIREMENT

### Required - Roofs See Comm 63.15 (4)

Total Area	Required U-Value	U•Area
X		=

### Required - Above Grade Exterior Walls

See Comm 63.15 (4)

Total Area	Required U-Value	U•Area
X		=

### Required - Walls Adjacent to Unconditioned Space

See Comm 63.15 (4)

Total Area	Required U-Value	U•Area
X		=

### Required - Floors Over Unconditioned Space

See Comm 63.15 (4)

Total Area	Required U-Value	U•Area
X		=

à Total Design U•Area

≤

à Total Required U•Area

The Total Design U•Area must be less than or equal to the Total Required U•Area